

Magic happens outside the box



Duality

Solid State Logic
SOUND | | VISION

Love analogue : Work digital

Duality is an analogue large format music console like no other. It is a console that carries the DNA of the SSL E, G & K Series that through the decades have defined and re-defined what a music console should be.

Duality takes the evolution into its next great leap forward by splicing the Digital Audio Workstation control and integration concepts of the AWS 900 plus all of the visual feedback advantages of the TFT displays from our C Series digital consoles into our analogue DNA. Duality is the best of everything, an incredible powerhouse of possibilities. It combines the sonic edge of analogue audio with 'at a glance' visual feedback and total DAW control right from the heart of the console... yet all that power is comfortable, familiar and inspiring to use. Duality is the next generation console for those who love analogue but work digital.





Designed to closely integrate with your workstation of choice, Duality offers a wealth of creative and sonic options.

In addition to a SuperAnalogue™ mic amp, each channel features a 'Variable Harmonic Drive' input stage designed to add analogue character to clinical workstation outputs. A unique split channel path enables channel processing to be placed in the input or monitor path of the workstation. There are both E and G series equalisers and peak sensing or RMS /over-easy compression to choose from. Duality offers VCA style or moving fader automation and complete control over DAW parameters from the console rotaries. And there are multiple stereo busses or multiple 5.1 stems to make best use of a full set of 5.1 controls on each channel.

Duality features a familiar control surface and adds TFT displays across all channels to provide comprehensive visual feedback on signal levels, channel settings, system configuration & routing to deliver highly efficient multi operator Total Recall™.

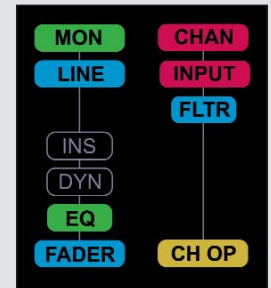
Duality is the analogue console for the digital age.



NEW Dual Mic Pre's – In addition to the pristine, ultra clean sound of the XL 9000 K SuperAnalogue™ mic pre, each channel features the VHD™ input stage. The unique ‘Variable Harmonic Drive’ circuitry introduces controlled distortion of either second or third harmonic, providing variable valve-type warmth or transistor-type distortion on every channel.



NEW ‘SPLIT Signal Flow Architecture’ – A new approach to signal flow that supercedes the in-line concept and enables channel processing resources to be placed in the input or monitor path. This means any desired combination of analogue channel processing can be used in conjunction with the DAW record path, whilst monitoring the rest of the signal path through the console remains extremely simple.



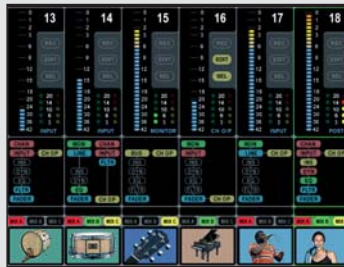
NEW Comprehensive Surround – Duality features the most comprehensive and powerful 5.1 panning ever offered as standard on an analogue console. Every channel includes dedicated controls for LR/LCR, divergence, front/rear position & LFE level. Duality features four 5.1 stem busses in addition to the main 5.1 bus, a facility that usually requires heavy modification to accomplish in an analogue console. Duality also features a versatile 5.1 master bus compressor with a selection of average or peak channel sensing side-chain control.



Workstation Control – A high-resolution, digitally controlled gain element in each channel allows the motorised faders to be switched to control any DAW that supports the HUI or Mackie Control protocols, while retaining the analogue signal path. Duality features large-format, high-quality, high-resolution faders that bring true precision to DAW control. The faders and their associated Channel Rotary Encoders provide direct control of DAW plug-ins, faders, pans, sends, input and output routing.

NEW Constant Visual

Feedback – Large TFT displays across all channels and center section deliver unprecedented visual feedback on input source, signal level, output routing, DAW status, processing order, channel routing and split channel architecture. A new Eyeconix feature offers the ability to use icons and images as track markers for simple, at a glance identification of track source.



SuperAnalogue™ & More – SSL's renowned SuperAnalogue™ circuit design uses revolutionary DC coupled, capacitor free circuitry to provide the holy grail of ultra-wide and flat frequency response, extremely low distortion and an exceptionally low noise floor. This bus and channel signal processing technology is coupled with the VHD™ (Variable Harmonic Drive) circuitry to add colour to this wonderful 'straight wire' performance and warm up digital signals, bringing the soul of early analogue recordings to 21st century production technology.



Channel Routing Tile – Central soft switch assignment of channel processing (EQ/dynamics) is available on one, many or all channels, recallable via 'Instant Reset'.

Use of central click-free electronic soft switching delivers improved operational flexibility and significantly reduces long-term maintenance.

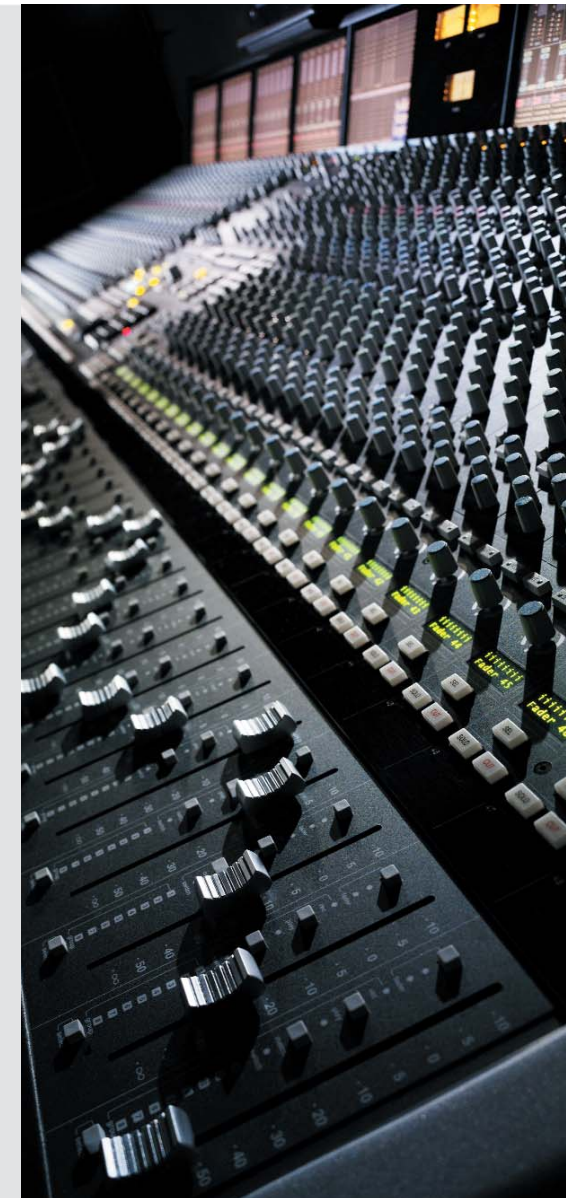
NEW Multi Operator

TR – Display of Total Recall™ settings on large TFT displays across the meter bridge for all channels and center section enables several operators to work simultaneously to recall analogue settings in a fraction of the time previously required.



NEW Session Management – Studio browser session management software provides one-stop external archiving and retrieval of automation and Total Recall data. Here, users can also load custom images into the Eyeconix library.

GREEN Power consumption has been reduced by 50%, so the power supplies can be built into the console, eliminating the need for a separate air conditioned machine room, cutting the bottom line and helping protect our environment.



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Options

Duality is available in 48, 72 & 96 channel configurations.

12 degree Wings, a Producer Section and integral Patchbay are also available.



Solid State Logic

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